

From owner-qrp-1@netcom.com Sat May 6 03:37:35 1995
Date: Fri, 5 May 1995 21:37:35 -0600 (MDT)
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: Re: Anti-QRP & Newsgroups
Message-Id: <Pine.SUN.3.91.950505213400.18804A-100000@ume>

On Fri, 5 May 1995 bfollett@ditell.com wrote:

> Rick Zabrodski writes: <Is there a group
> out there saying "1.5 kw or nothing"...."use it or loose it"? >
>
> Perhaps not, but how many of you have had the experience of
> mentioning you are QRP in a non-qrp ssb contest, and find immediate
> challenges over the listening frequency from the mentally impaired
> that "you couldn't be QRP with that signal"? It seems to me that
> many of the "Mine is bigger than yours crowd" suffer great personal
> anxiety when a DX station comes back to someone signing QRP with
> their call instead of acknowledge their "superior signal".
>

Well Bob, I must admit, one of the BIG reasons I still get into 2 or 3 of
the "big QRO" contests is that I enjoy driving those very people nuts
when my superior
technique beats out there superior signal....I LOVE THE RUSH! ;-)

From owner-qrp-1@netcom.com Sat May 6 19:20:12 1995
From: "Tim Stabler" <TSTABLER@iunhaw1.iun.indiana.edu>
Date: Sat, 6 May 1995 13:20:12 CST
Subject: batteries
Message-Id: <1E30DF0FE3@iunhaw1.iun.indiana.edu>

I have seen the various comments about Radio Shack batteries and the
amp-hour ratings. I know they have two types--a lower (1.6) and a
higher (4.8) amp-hour rating. No problems.

But a friend has given me a Millenium set-up. Does anyone know the
rating of the Millenium D cells regarding amp-hours??? The package
says nothing.

Yesterday, I got my Explorer from Radio Devices. Yesterday I also
turned the semester's grades in. Guess what this college prof is
going to be doing in the coming days??

72 & 73 de Tim WB9NLZ

From owner-qrp-1@netcom.com Sat May 6 21:48:13 1995
From: KT3A@aol.com
Date: Sat, 6 May 1995 17:48:13 -0400
Message-Id: <950506174813_109397145@aol.com>
Subject: Cases

LB,
One comment on the flat cases.....
I have found several modem cases at hamfests, dumpsters, etc.
Most of them are 1200 baud. Real nice because they have a slot in them for a
pc board to slide into. They have a small speaker in there too! I was
considering taking a hacksaw to them to shorten the length.

72 de cameron.

From owner-qrp-1@netcom.com Sat May 6 19:37:26 1995
From: mtrail@violet.berkeley.edu
Date: Sat, 6 May 1995 12:37:26 -0700 (PDT)
Subject: Re: Curtis Keyer kits
Message-Id: <Pine.3.89.9505061204.A5980-01000000@violet.berkeley.edu>

Hi, all

Well, this may be a stupid question, but just got my chip and
board in the mail (thanks, Jim!), and I noticed the board is not
pre-drilled. Did I get a defective one, or am I just lazy and gonna have
to stay off coffee for a bit while I break out the black and decker?
(actually, I got this for a friend, so he's going to have to deal with
this...).

Matt KN6CR

From owner-qrp-1@netcom.com Sat May 6 00:02:19 1995
Message-Id: <199505060117.WAA04190@public.compusult.nf.ca>
Date: Sat, 06 May 1995 01:02:19 +0100
From: rgobrick@public.compusult.nf.ca (Robert J. Gobrick)
Subject: Re: Dayton - one more time

Jim,

Some good ideas about making this an official all day QRP affair - probably a small registration fee for info packet handouts, trinkits etc - just like the big time conferences. We can have nametags, break-out sessions, lunch with a special guest speaker (Wayne Green) etc. This is getting better and better the more I think of it. Keep the ideas flowing.

73/72 and thanks Jim

Bob V01DRB/WA6ERB

>
>On Thu, 4 May 1995, Robert J. Gobrick wrote:
>
>> neo-management term like that). Since getting to Dayton is a sacrifice in
>> time and money for many - why don't we add one more day to the venue and
>> make Thursday "QRP ARCI Day".
>
>Bob et al, I agree wholeheartedly! I always think Dayton is too short.
>I'd like to see the hamfest go to 4 days. But I like the idea of a QRP
>day say at the Days Inn - Dayton South. We could even charge for a
>"ticket" to cover the cost of the room and maybe a buffet lunch, etc.
>Like you say, have some speakers, parts/goodie sellers, etc. Count me in.
>
>Jim Stafford, W4QO RadioActive Schools(sm) -
>11395 West Road Using amateur radio as
>Roswell, GA 30075-2122 a teaching tool in north
>404-993-9500 Georgia area schools.
>Packet:W4QO@WA4BRO.#atl.ga.usa.na Internet: w4qo@america.net
>
>

Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada
QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP

Internet: rgobrick@public.compusult.nf.ca
 bgobrick@terra.nl.net.nf.ca

Compuserve: 70466.1405@compuserve.com

From owner-qrp-1@netcom.com Sat May 6 16:45:36 1995
From: Byron8LCZ@aol.com
Date: Sat, 6 May 1995 12:45:36 -0400

Message-Id: <950506124527_109171441@aol.com>
Subject: Re: Dayton - one more time

Hi Bob,

If you're going to have a quest speaker for a serious die-hard QRP group on Thursday, how about Randy Rand AA2U or some other big time QRP op. Someone we can pump for info on working 300 countries with 5 watts. Now thats a speaker !

Afterwards we could have a conference and discuss winning antennas, operating techniques that net new countries and other hard core QRP topics.

And it must not go to 2 am. I had enough of those hours to last me a while.
Hi

72, Byron WA8LCZ Detroit

From owner-qrp-l@netcom.com Sat May 6 14:21:42 1995
Date: Sat, 6 May 1995 08:21:42 -0600 (MDT)
From: Jack Mott <jmott@borah.ebr.anlw.anl.gov>
Subject: Re: DSP filters
Message-Id: <Pine.3.89.9505060824.C14761-0100000@borah.ebr.anlw.anl.gov>

I read Byron's review of DSP products with some interest. Does the "peak" mode work for CW only, or for SSB also. I would like to understand more what this does from technical standpoint.

Charles Mott (no callsign yet)

From owner-qrp-l@netcom.com Sat May 6 20:01:38 1995
From: Byron8LCZ@aol.com
Date: Sat, 6 May 1995 16:01:38 -0400
Message-Id: <950506160136_109316899@aol.com>
Subject: Re: DSP filters

Hi Charles,

The Peak mode works for CW, SSB and Data (Amtor, Rtty). It seems to work better for digital modes like CW and Amtor. There are probably easier for the software to reconize and act on quickly. SSB is a little harder to understand but the noise reduction is sometimes enough of a benefit to offset this. The

JPS company, has a NRF-10 thats designed to work especially well with SSB (automatic notch that eliminates up to 4 tones at one time) and their NRF-7 is designed for the QSK CW operator, but also has some SSB features. I'm hoping the NRF-12 contains the best features from both units. It has dual processors for increased noise reduction.

DSP isnt a cure all but its the best thing going for reducing noise and operator fatigue, that i've found. I use I.F. filters 500 and 250 hz (i've found 250 to be too narrow and too touchy for most signals) and audio SCAF filters (which work well as long as their isnt a strong adjacent signal near your freq. A combination of I.F. filters, audio SCAF filters and DSP seems to be the best approach, for controlling different types of noise and interference that we encounter on the bands today.

DSP chip sets are available from Motorola, Intel and other chip manufacturers. They take an audio signal, convert it to digital with a A-D (analog to digital) converter, process the information using DSP chips and user software, then convert it back to audio using D-A converters, then amplify the audio. The real difference between DSP's is the software, written by JPS, Timewave and others. JPS seems to be the leader in DSP's (in my opinion), as far as operator interfaces go. If the interface is difficult to use or time consuming, you wont use it as much.

I found all the switches and options on the Timewave 59+ to be confusing, even after owning the unit for a year. I cant seem to set it up quickly and get it to do what i want. The pushbuttons put you in one mode if its pushed in and a different mode, when its pushed out. its hard to see if its in or out. Plus the lettering is so small, its very hard to read, without a bright light on the front panel.. they use red letters on beige background with tiny lettering. The JPS uses white letters on a black background, larger letters and fewer controls. Its easy to use and it works. The Timewave has more features but its much harder to use.

I've found out that narrow filters arent always the answer and noise reduction software has a long way to go, before it will be really useful.

In the middle of a contest or when the bands are open, the last thing you want or need to do, is start fiddling with knobs. You have to make your QSO's and move on, otherwise, the opportunity slips away. And, today, those opportunities are few and far between.

I wouldnt give up my NRF-7, I use it every day and i take it with me on Field Day, every year.

72, Byron WA8LCZ Detroit

From owner-qrp-1@netcom.com Sat May 6 16:48:11 1995
Date: Sat, 6 May 1995 10:48:11 -0600 (MDT)
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: epiphyte amp T1 question
Message-Id: <Pine.SUN.3.91.950506103655.20948E-100000@ume>

I have a learning disability when it comes to understanding bifilar transformers. For those of you who have built the amplifier I have a question. (Derry, Ve7qk, gone for weekend so I am bugging you guys.) I get 500 mw out of my epiphyte and currently 3.5 watts out with the amp. Measurements with wattmeter (Diamond sx600). I get 12.5 volts with rf probe at antenna witch certainly suggests something close to 3.5 watts out as well.

Now, this is supposed to be a 4:1 step up transformer although how 5 bifilar turns does this I am still not sure. If the two ends of the same wire are connected to drain of q1 I get .3v at q1 and antenna: ie. 1:1 and no output. If I "cross" wires I get my 3.5 watts out. However, my probe says 13 volts at q1 drain and 12.5v at antenna. At first I thought this made sense as I anticipated a little loss in the low pass filter but then it occurred to me that maybe I should see a 4:1 increase in rf volatge.

I am sure you can see by this disscussion that I am not an electrical engineer mondays thru friday! ;-)) This is driving me nuts, I need to get it sorted out so I can build my sierra 30 m module in time for June 1!

Dr. Rick Zabrodski BSc, MD, CCFP(E)	*	VE6GK
Email: zabrodsk@med.ucalgary.ca	*	NorCal 519 ARCI 7650 GQRP 8329
Phone 403-271-5123 Fax 403-225-1276	*	"Power is no substitute for skill"

From owner-qrp-1@netcom.com Sat May 6 03:18:28 1995
Date: Fri, 5 May 1995 20:18:28 -0700
Message-Id: <199505060318.UAA04534@mailhost.primenet.com>
From: markem@PrimeNet.Com (Mark Monninger)
Subject: Re: FCC Exam Questions

Chuck, et.al. ...

The question pools are available now in various formats on several of the archive sites. There are ASCII versions and one spiffy one (that I know of, might be others) that will drill you on the questions, explain when you make a wrong answer, etc. Also, the Advanced pool is due to change soon so be sure you get the most recent one.

73... Mark AA7TA

From owner-qrp-l@netcom.com Sat May 6 22:32:14 1995
Date: Sat, 6 May 95 18:32:14 EDT
From: majewski@erim.org (Ron Majewski)
Message-Id: <9505062232.AA27975@spsd630a.erim.org>
Subject: FS: OHR 20M xcvr

FOR SALE:

Oak Hills Research 20M QRP rig. Good condition;
Selling because I just upgraded to Ten Tec Scout.

Asking \$125. Includes first class shipping to a U.S. address.

Contact pillera@aol.com for more information.

73,
Joe Pillera, n8qyo

From owner-qrp-l@netcom.com Sat May 6 01:18:58 1995
From: Steven Applen ~ MD4 MICROPROCESSOR DESIGN <sapplen@pcocd2.intel.com>
Message-Id: <9505060118.AA19733@frx749>
Subject: hello
Date: Fri, 5 May 1995 18:18:58 -0700 (PDT)

--

Steven Applen
Intel FM3-161
1900 Prairie City Rd.
Folsom, CA 95630
sapplen@eng.fm.intel.com
(916) 356-6243

From owner-qrp-l@netcom.com Sat May 6 16:54:59 1995
Date: Sat, 6 May 1995 10:54:59 -0600 (MDT)
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>

Subject: How many recieivers this summer on 30 m test?

Message-Id: <Pine.SUN.3.91.950506104816.20948F@ume>

Only a contestor would ask this question. I will have two homebrew or kit rigs available for IQ130 contest.

So, if I have two antennas, a filter etc, can I call CQ while roaming the rest of the band with my other radio? ;-) (I know, there is always one "guy" asking questions like this but it is now a real issue in the "big contests" and I noted in Sprat that a Qrp contest specifically said only one reciever/transmitter could be used!)

Dr. Rick Zabrodski BSc, MD, CCFP(E)	*	VE6GK
Email: zabrodsk@med.ucalgary.ca	*	NorCal 519 ARCI 7650 GQRP 8329
Phone 403-271-5123 Fax 403-225-1276	*	"Power is no substitute for skill"

From owner-qrp-1@netcom.com Wed May 3 12:16:00 1995

From: bob.berlyn@chowda.com (Bob Berlyn)

Subject: HW-8 For Sale

Date: Wed, 3 May 1995 12:16:00 GMT

Message-Id: <95050414000536578@chowda.com>

For Sale:

HW-8 in really good condition. The rig is unaltered with the exception of one antenna phone jack on the back just under where the PL-259 antenna connects. Condition of the enclosure is very good with some minor scratches on the top.

HWA-7-1 Power supply for the rig.

Original manuals and schematics for both. I would like \$150 for the pair.

Feel free to contact me at my home (401) 885-2497 (RI) (please not after 9:00PM Eastern Time), or via the I-Net. I will be home until Saturday afternoon.

I will be happy to ship to anywhere in the 48 States, via Fed-Ex (I get a deal on them and it is cheap for me, and no I don't work for them).

73's

* CMPQwk 1.4 #2032 * Bob Berlyn N1PWU

Bob.Berlyn@Chowda.Com

From owner-qrp-1@netcom.com Thu May 4 18:21:37 1995
Date: Thu, 4 May 95 13:21:37 CDT
From: msdooley@collie.aud.alcatel.com (Michael S. Dooley)
Message-Id: <9505041821.AA16406@collie.aud.alcatel.com>
Subject: Re: IQ130

> From: brian.carling@acenet.com
>
> CA>Here are the preliminary rules and may change slightly, but should
> CA>get you going and get you ready for the action.
>
> CA> A. Homebrew or kitted rigs only. No ICOMs, no Yaesu's, etc.
> CA> Get out or build the NN1Gs, OHRs, Danny's Small Parts, ugly
> CA> construction or whatever. This includes receiver and transmitter.
> |||||
>
> You just eliminated 95% of the people reading this message!
>
> Great idea, but a pity you restricted it to such a narrow elite group!
> ---
> ~ SLMR 2.1a ~ Remember, you are unique, just like everyone else!
>
I wonder how many people on here are using a kit/homebrew versus store bought.
Should we take a poll?
Mike KE4PC

From owner-qrp-1@netcom.com Sat May 6 06:00:52 1995
Date: Fri, 5 May 1995 23:00:52 -0700 (PDT)
From: Monte Stark <ku7y@sage.dri.edu>
Subject: Re: IQ130
Message-Id: <Pine.SUN.3.90.950505225754.13991D-1000000@nimbus>

Hi Mike,

OK, I use both.

40a, MFJ 9040, TS130S Mobile and TS930AT.

Soon to have a 3040. (Think that's the name for their
30m rig).

73, Ron, dah, dah (I'm three times slower than Chuck)

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
.....ku7y@sage.dri.edu.....Sun Valley, Nevada....
.....ARRL.....NorCal #330.....NRA LIFE.....

From owner-qrp-1@netcom.com Sat May 6 16:34:00 1995

Subject: IQ130 Prize Pool

From: brian.carling@acenet.com (Brian Carling)

Message-Id: <2a6.23036.500@acenet.com>

Date: Sat, 06 May 1995 11:34:00 -0500

From: brian.carling@acenet.com

CA>Message-ID: <199505051917.0AA12065@chuck.dallas.sgi.com>

CA>One more prize added and this is a one year sub to WorldRadio Magazine
CA>and this prize from Richard Fisher, KI6SN.

CA>Consider the sub and the rig as "trophies" for the EXERCISE on 30M.

CA>dit dit

CA>Chuck Adams K5FO CP-60 adams@sgi.com

But are you just ignoring the comments of those who are concerned
about the terms of the activity?

Dididahdahdidit?

Brian, AF4K

~ SLMR 2.1a ~ Denial: Not just a river in Egypt!

From owner-qrp-1@netcom.com Thu May 4 14:21:08 1995

Date: Thu, 4 May 1995 09:21:08 -0500

From: adams@chuck.dallas.sgi.com (chuck adams)

Message-Id: <199505041421.JAA08284@chuck.dallas.sgi.com>

Subject: IQ130 update

OK, I didn't realize that the mobilers were in such large numbers.

Make location from the same section of ARRL. This will allow
mobilers running QRP to and from work to participate.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Sat May 6 03:34:30 1995
Date: Fri, 5 May 95 21:34:30 MDT
From: miker@cc.com (Mike Robinson)
Message-Id: <9505060334.AA14509@cc.com >
Subject: Re: John G. Curtis

Chuck and gang,

I don't know about Curtis, but I just bought a tube full
of 8044ABM chips from Mouser. They told me there would
be a back order, but then the order showed up at my door
in 2 days. This tells me that Curtis is still kicking
out the chips.

BTW, My offer still stands: 8044ABM shipped in US48 \$17
add \$2 for the PC board for 'The Simplest Possible Keyer'.

If you order a single 8044ABM from Mouser or Curtis it's
\$19.95 plus shipping.

=====
7.3 de Michael aa0ub | QRP:
miker@cc.com Norcal #857 | "This thing's a radio?"
=====

From owner-qrp-l@netcom.com Sat May 6 13:28:58 1995
Date: Sat, 6 May 1995 10:58:58 -0230 (NDT)
From: Bob Gobrick V01DRB/WA6ERB <bgobrick@terra.nl.net.nf.ca>
Subject: Re: John G. Curtis
Message-Id: <Pine.OSF.3.91.950506105349.6824A-100000@terra.nl.net.nf.ca>

Chuck,

Like your idea (and work) on the new "anti-burp" pc board layout for the
Curtis keyer chip - this board is long overdue - maybe once it get's
posted we (you) can publish it and then get someone like Far Circuits
to "mass produce" it for the masses with credit given to you and what

charitable club you so designate....

Also likewise on the new K5F0 memory keyer project - it will be a winner (wienner?)

73/72 and thanks for your contributions to the QRP community (boy this is getting thick now...)

Bob V01DRB/WA6ERB

Bob Gobrick V01DRB/WA6ERB/VE2DRB Newfoundland, Canada

QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP

Internet: bgobrick@terra.nlnet.nf.ca
rgobrick@public.compusult.nf.ca

Compuserve: 70466.1405@compuserve.com

From owner-qrp-1@netcom.com Sat May 6 23:10:21 1995
Date: Sat, 6 May 1995 17:10:21 -0600
Message-Id: <199505062310.AA12764@teal.csn.org>
From: bcutter@teal.csn.net (Bob Cutter)
Subject: K9AY 20M QRP RIG

I have a 20 M A&A kit with two built-in keyers, iambic and "electronic hand key". Works great but it is surplus to my needs.

72, Bob KI0G

From owner-qrp-1@netcom.com Sat May 6 01:28:37 1995
From: Steven Applen ~ MD4 MICROPROCESSOR DESIGN <sapplen@pcocd2.intel.com>
Message-Id: <9505060128.AA09542@frx749>
Subject: Kanga Home Page?
Date: Fri, 5 May 1995 18:28:37 -0700 (PDT)

Hello,
Does anyone know where the Kanga US Home Page is?

thanks,

--

Steven Applen
Intel FM3-161
1900 Prairie City Rd.
Folsom, CA 95630
sapplen@eng.fm.intel.com
(916) 356-6243

From owner-qrp-l@netcom.com Sat May 6 13:40:35 1995
From: tellrws@is.ups.com (Randy Smith)
Message-Id: <9505061340.AA00992@is.ups.com>
Subject: Re: Kanga Home Page?
Date: Sat, 6 May 1995 09:40:35 -0400 (EDT)

Steven Applen ~ MD4 MICROPROCESSOR DESIGN writes:

>

> Does anyone know where the Kanga US Home Page is?

>

Easy. <http://ncc1701-d.cc.nd.edu/Kanga/>

I got to it today (5-6-95) so I know it is there.

72,

Randy

--

----- --... ..--- -.. . -. ..--- .--- --- -..-.- -----
Randolph Smith tellrws@is.ups.com 201-828-4706 N2JOC
The opinions herein are my own. Nobody else would want them.

From owner-qrp-l@netcom.com Sat May 6 15:32:42 1995
Date: Sat, 6 May 1995 09:32:42 -0600 (MDT)
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: Kit with no name.
Message-Id: <Pine.SUN.3.91.950506090721.20948C-1000000@ume>

Qrp interest is building in Calgary. We have "one big club" with in excess of 450 members in the city with many "subsections". 100 plus get together for "coffee" at a local mall every sat. am. It is possible to go to at least one "ham meeting" per week.

Against this backdrop there has been increasing interest in starting a Qrp group within the club. I suspect my advertising in the club newsletter for 3 years as VE6GK/qrp helps as bit. There are 4 serious Qrp contestors in Calgary (Maybe only 4 more in rest of country!) with lots of healthy interaction going on.

Anyway, somebody GAVE me a "parts kit" for a 80 meter transiever, about 8 years old with no schematic or instructions. (Or for that matter, name) This kit has been "resold" several times a flea markets but never built.

The pc board is exactly 2" by 2", NO IC's, 2 2n2905a's, 2 252mpsa05's, 3560 xtal, varialbe cap, switch, connectors, 7 bypass type caps, 5 resisitors, one tantalum cap, one electolytic cap. Most of the parts are mounted on the board already. I suppose I could "reverse engineer" a quasi schematic if necessary.

If this is a transiever, it is obiviously pretty basic. "Rumor" was that it is based on a design in Sprat.

Any thoughts on this? If you know what it is and have a schematic or article I would be interested. It would make a great "one night" qrp project for a budding local qrp club!

(Might be modified for 30 meters an make those rare VE6's easier to work this summer! ;-)

Thanks guys!-

Dr. Rick Zabrodski BSc, MD, CCFP(E)	*	VE6GK
Email: zabrodsk@med.ucalgary.ca	*	NorCal 519 ARCI 7650 GQRP 8329
Phone 403-271-5123 Fax 403-225-1276	*	"Power is no substitute for skill"

From owner-qrp-l@netcom.com Sat May 6 16:55:52 1995
Message-Id: <199505061719.NAA24076@brutus.bright.net>
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
Date: Sat, 6 May 1995 16:51:52 -4
Subject: KK7B Kit info on Kanga Web Page

Just got back from Dayton (and a week long business trip following Dayton) and found out that there was a file name problem with my KK7B kit info (R1/R2/T2/miniR2). It has been fixed.

<http://ncc1701-d.cc.nd.edu/kanga/>

Those are ones in the ncc1701 above - not L's....

hope to add some more stuff this week - I'll put announcements out as it happens...

73 - Bill Kelsey - N8ET
Kanga US

kanga@bright.net
419-423-4604
HTTP://ncc1701-d.cc.nd.edu/kanga/

From owner-qrp-1@netcom.com Thu May 4 15:34:03 1995
Message-Id: <199505041535.IAA07749@mail2.netcom.com>
Subject: Major Internet Virus - NOT! -
Date: Thu, 4 May 95 8:34:03 PDT
From: Eric Swartz WA6HHQ <erics@cruzio.com>

cgullick@tuba.aix.calpoly.edu writes:

> >
> > There is a computer virus that is being sent across the Internet. If you
> > >>receive an e-mail message with the subject line "Good Times", DO NOT read
> > >>the message, DELETE it immediately. Please read the messages below.
> >
> > >>Some miscreant is sending e-mail under the title "good times"
> > >>nation-wide. If you get anything like this, DON'T DOWNLOAD THE FILE! It
> > >>has a virus that rewrites your hard drive, obliterating anything on it.
> >

Craig,

Sorry, but looks like you have been duped! An E-mail message by itself
can NOT infect a machine. It must be an executable program. ie. - simply
reading a message will not cause the CPU to execute it as binary code.

Eric WA6HHQ

--

From owner-qrp-1@netcom.com Thu May 4 01:21:26 1995
Date: Thu, 4 May 1995 09:21:26 +0800
From: Raymond.Anderson@eng.sun.com (Ray Anderson)
Message-Id: <9505041621.AA03667@radium.Eng.Sun.COM>
Subject: Re: MOSFET PA's to homebrew

John <jfw@jfwhome.funhouse.com> wrote:

> While we're on the topic of finals, does anyone have any experience with
> modeling class C amplifiers with SPICE? The last time I tried, SPICE gave
> me some really silly results, probably because I was using the wrong

```
> transistor model (a small-signal model).  
>
```

There is an article in the June 1992 issue of the Intusoft Newsletter (Intusoft is a software vendor who publishes a version of Spice) that is entitled "Simulating Class C RF Amplifiers". The model they used for a Motorola MRF873 bipolar device is as follows:

```
..SUBCKT MRF873 1 2 3  
LC 1 4 0.50E-9  
LB 2 6 0.60E-9  
LE 5 3 0.07E-9  
CC 4 3 15.0E-12  
CB 4 6 1.0E-12  
Q1 4 6 5 QR01  
  
..MODEL QR01 NPN (BF=98 VAF=150 VAR=10.0 RC=.15 RB=1.43 RE=.26  
+ IKF=1.0 ISE=7.6E-14 TF=1.2E-11 TR=1.7E-09 ITF=1.7 VTF=5.3  
+ CJC=10.7E-12 CJE=12E-12 XTI=3.0 NE=1.5 ISC=2.4E-14 EG=1.11  
+ XTB=1.5 BR=2.9 IS=8E-15 MJC=0.33 MJE=0.33 XTF=4.0 IKR=0.5  
+ KF=1E-15 NC=1.7 RBM=1.02 IRB=1.60E-2 XCJC=0.5)
```

I haven't done the simulations myself as described in the article, however the write-up's data shows close agreement between their Spice simulation and the published performance curves from the device's data sheet. They modeled power output (compression curves), power gain, power dissipation and efficiency.

One final comment from the article is that it takes a number of cycles for the simulation to stabilize (at least 15 they quoted) so be sure to run your transient simulation long enough for things to settle down before taking any data from your simulation curves.

72 de WB6TPU Ray

raymonda@radium.eng.sun.com

From owner-qrp-l@netcom.com Thu May 4 23:37:35 1995
Date: Thu, 4 May 1995 16:37:35 -0700 (MST)
From: Richard Kendrick Jr <rrk@indirect.com>
Subject: Re: MOSFET PA's to homebrew
Message-Id: <Pine.BSD/.3.91.950504163138.16173C-100000@bud.indirect.com>

On Thu, 4 May 1995, John F. Woods wrote:

[snip]

> While we're on the topic of finals, does anyone have any experience with
> modeling class C amplifiers with SPICE? The last time I tried, SPICE gave
> me some really silly results, probably because I was using the wrong
> transistor model (a small-signal model).

I read sometime ago in Bob Pease's column in Electronic Design about using SPICE for rf. First, Pease hates the program. That aside, he found that he got really inane results if he used 50 ohms for his impedances on circuits that he already knew the parameters. He discovered that if he used 50.1 ohms for in/out impedances, the results were just what he expected. His final caveat was build the bloody thing and then test it, and he reluctantly admitted that SPICE did get him in the general ballpark on values.

Richard Kendrick CET WA7TWI		
Amateur Radio Extra Class		Do not adjust your mind, there
QRP #4129/G-QRP #8591/MI-QRP #M-1412		is a fault in reality.
Phoenix, AZ email: rrk@indirect.com		

From owner-qrp-l@netcom.com Sat May 6 01:44:06 1995
Date: Fri, 5 May 1995 18:44:06 -0700
Message-Id: <199505060144.SAA02634@mailhost.primenet.com>
From: bobhigh@PrimeNet.Com (Bob Hightower)
Subject: QRP+ order

I talked with INdex labs just after noon today, and they have just shipped the orders received on Feb 21/22. He said that the group order should ship the end of next week.

73, Bob KI7MN

From owner-qrp-l@netcom.com Sat May 6 10:54:39 1995
Date: Sat, 6 May 1995 06:54:39 -0400 (EDT)
From: James Lyons <jlyons@CAM.ORG>
Subject: Re: Quarterly
Message-Id: <Pine.SOL.3.91.950506065356.13445A-100000@ocean>

On Fri, 5 May 1995 Byron8LCZ@aol.com wrote:

> Has anyone received the April ARCI Quarterly magazine yet ?

>

Yes two or three days ago. Jim Lyons, VE2KN, Montreal

From owner-qrp-l@netcom.com Sat May 6 13:14:39 1995
From: rohrwerk@netcom.com (John Seboldt)
Message-Id: <199505061314.GAA02320@netcom4.netcom.com>
Subject: R2/T2's
Date: Sat, 6 May 1995 06:14:39 -0700 (PDT)

Dunno if R2/T2 activity has died down, but time to stir it up again :-). Haven't hooked up my T2, but I have linearized my PA strip in preparation for it - capable of about 9 watts carrier, don't know about its maximum linear output yet.

A reminder of my files available in Ray's FTP area: ftp.netcom.com, pub/ra/rander/qrp:

r2t2stn.ps (300K) -- nice PostScript document about my setup, and how I *might* put the T2 in when I get around to it! (Did this get printed in QRP Quarterly, Ray?) For you Mac folks, it's also available from me in its original Microsoft Word format (30K, and you can even read it on your screen :-))..

t368vfo.txt (14K) -- my mods to transistorize the exciter of the T-368 military transmitter (sometimes available from Fair Radio Sales) to make a stable, wide-range VFO from 1.5-24 MHz.

Now that I myself am on Netcom, someday I will get a public file area set up as well.

: John Seboldt rohrwerk@netcom.com / CW: It don't mean a thing
: Amateur radio K0JD... / if it ain't got that swing!
: Church of the Annunciation, / Di dah, di dah, di dah, di dah...
: Minneapolis / (sorry, Duke!)

From owner-qrp-l@netcom.com Sat May 6 03:22:26 1995
Date: Fri, 5 May 1995 20:22:26 -0700
Message-Id: <199505060322.UAA05816@mailhost.primenet.com>
From: markem@PrimeNet.Com (Mark Monninger)
Subject: Re: Shave and a Haircut

I always thought it was "six bits".

Inflation, maybe?

73 (5.84 bits)... Mark AA7TA

From owner-qrp-1@netcom.com Sat May 6 11:56:07 1995
Date: Sat, 06 May 1995 06:56:07 -0500 (EST)
From: cebik@UTKVX.UTCC.UTK.EDU
Subject: Re: Shave and a Haircut
Message-Id: <Pine.3.89.9505060604.A543291574-0100000@utkvx.utk.edu>

On Fri, 5 May 1995, Mark Monninger wrote:

> I always thought it was "six bits".

> Inflation, maybe?

Must be age or something, but we always thought the shave and a haircut at 2 bits was inflationary, what with sliced bread a dime and unsliced cheaper, soft drinks a nickel (with change if you returned the bottle), and high voltage variable capacitors \$35 or more. Compare inflation rates, and the world at large is doing much worse than amateur radio. If you are willing to use a varacter, you can build a decent VFO for about \$5.00 in parts (including buffer amps); in the day of 2-bit barbering and nickel cokes, it could not be done. Even with expert scrounging, a simple transmitter (1 tube) took 1 to 2 weeks pay. When you reread Ade Weiss' history, consider salary and wage rates to see what sacrifice and dedication were required to do the job--adds a whole new dimension to the story.

-73-

LB, W4RNL

P.S.: No I'm not quite that old, but I have in me two generations of ham blood and war stories that go back to the mid-20s--enough to always remember to whisper thanks on the wind to those who went before. . .

From owner-qrp-1@netcom.com Sat May 6 02:18:23 1995
Date: Fri, 5 May 1995 22:18:23 -0400 (EDT)
From: Greg Becker <gb546@bard.edu>
Subject: Re: The Local QRPers Returns
Message-Id: <Pine.A32.3.91.950505221436.13111E-1000000@core.bard.edu>

On Fri, 5 May 1995, Eric Swartz WA6HHQ wrote:

> Paul M. Dunphy writes on the DX reflector:>

> >

> > Last week one of the Local QRPers was up the hill, this one to throw
> > himself in our chair and complain that he was tired. "I've had it", he
> > advised us, "I've had it with DXing and and with all this rushing to catch
> > something just beyond reach. I'm tired of DXing.....<snip>
>
> Paul,
>
> I'm sorry to see that you used QRP'ers as the subject for your tome on
> DX'ers who just complain and don't really try. The subject is certainly
> a valid one, but its both unfair and very innacurate to categorize QRP'ers in
> this manner.

Oh, give me a break!

If you'd been paying attention, you'd have seen that this was written
after a style of yet another HUMOROUS writer. Get a life!

I think I know what the problem is - not enough ozone in your shack. You
need to get you some three-phase 220 AC, a 5CX15,000 with a big tank
coil, and let those ionization by-products clear your head so you can
think straight again... :-)

73, Greg NA2N
gb546@bard.edu

Not suffering from amplifier envy.

From owner-qrp-l@netcom.com Sat May 6 16:52:27 1995
Message-Id: <199505061653.JAA12263@mail.netcom.com>
Subject: Re: The origin of The Local QRPer
Date: Sat, 6 May 95 9:52:27 PDT
From: Eric Swartz WA6HHQ <erics@cruzio.com>

> >Paul M. Dunphy writes on the DX reflector:>

>
> No offence to those who operate QRP was intended Eric. "The Local
> QRPer" was a character invented by Hugh Cassidy, WA6AUD. Hugh Cassidy was
> the author of The West Coast DX Bulletin that was published for 10 years or
> so in the 70's. The Local QRPer, The Old Timer, Red-Eyed Louie, the Palos
> Verdes Sundancers, etc. were used in Cass's editorials. The Local QRPer was
> and is not to be taken as a true QRP operator. In WA6AUD's own words,
> quoted from Martti Laine's Book, Where do We Go Next, the Local QRPer was
> described as follows:

>
> "The Local QRPer was the other end of the board. The Local was the

> embodiment of the young, the new or the late-comers to DXing. The QRPer had
> the energy, the interest and always abundant motivation. He wanted to know
> everything about DXing, he came up the hill with endless questions, a desire
> to know and an unflagging determination to improve both himself and his DXCC
> totals. Often the Locals would have a session with the Old Timers seeking
> wisdom, asking puzzling questions but frequently showing an unexpected grasp
> of the complexities of DXing. Generally they were pictured as those DXers
> around the 150 mark on the DXCC list. Enough on-band experience to perform
> creditably but needing a lot of answers and advice. They knew, but they did
> not know. Some had yet to learn the hidden meanings of 'DX IS!' Local
> QRPers were the formidable ones."

>

> So, I hope you see from WA6AUD's explanation of the Local QRPer, that
> this character had nothing to do with the amount of power used. Any stories
> I post, or have posted, are a tribute Hugh Cassidy and the brilliant writing
> style of the West Coast DX Bulletin. These characters and writing style had
> a massive following in the 70's and much of it still exists today. DX IS!

>

> Best Regards, Paul

Paul,

I stand corrected! Thanks for the details of Hugh's original 'Local QRPer.'
I've wanted to get a copy of Hugh's book for some time. Guess I'll have to
look a little harder for it now!

DX IS! and QRP makes it even sweeter! 73, Eric WA6HHQ

--

From owner-qrp-l@netcom.com Thu May 4 19:28:57 1995

From: KI6SN@aol.com

Date: Thu, 4 May 1995 15:28:57 -0400

Message-Id: <950504152856_106818991@aol.com>

Subject: Worldradio QRP at Dayton

Quite out of the blue yesterday, I got a telephone call from the editors of
Worldradio saying they were amazed by how many low power enthusiasts stopped
by the magazine's booth at Dayton to put in a good word for its QRP column.

To everyone on this list who took the time and effort to express their
support of WR's QRP coverage, I am most appreciative.

Thank you so very much.

Vy 72,

Richard Fisher, KI6SN
Worldradio QRP columnist
(KI6SN@aol.com)

From owner-qrp-l@netcom.com Sat May 6 11:28:51 1995
Date: Sat, 06 May 1995 06:28:51 -0500 (EST)
From: cebik@UTKVBX.UTCC.UTK.EDU
Subject: Re: Worldradio QRP at Dayton
Message-Id: <Pine.3.89.9505060658.A543291574-0100000@utkvx.utk.edu>

On Thu, 4 May 1995 KI6SN@aol.com wrote:

> Quite out of the blue yesterday, I got a telephone call from the editors of
> Worldradio saying they were amazed by how many low power enthusiasts stopped
> by the magazine's booth at Dayton to put in a good word for its QRP column.

Rich,

This message says two things we all should note:

1. You are doing a great job, not just by being willing to write the column, but also by what you say--it makes people want to read it.
2. The QRP gang knows the right thing to do and does it. Those simple words by those who stopped by the world Radio booth not only said thanks to Rich in a way that was doubly meaningful, they also helped cement the support of the publication for the long-term continuation of the column--and the publicity within the general amateur world for QRP. So I must thank all those who went by the booth and said thanks--on behalf of my own interest in QRP.

Now if we were all only rich enough to guarantee that all the parts vendors, kit makers, and gear manufacturers could stay in business. . . .

-73-

LB, W4RNL